

Earthdata UTC Meeting 10.25.2016

NOTE: This meeting is CANCELLED due to a conflict with an all-day CMR/SDPS planning meeting, but this page will be updated as usual for reference.

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.5.1.1
 - This release includes fixes to improve country and domain resolution.
 - Currently being tested in UAT. Deployment to production is planned for the second week in November 2016.
 - Earthdata Login Records
 - If you are sending or planning to send Earthdata Login- (URS-) authenticated logs to EMS, let the EMS team know so that they can configure EMS to verify the URS information. Currently, EMS does not automatically check users against the Earthdata Login database.
 - New ASF Distribution File Names
 - Redundant ASF records in EMS were deleted last week.
 - LPDAAC
 - OPeNDAP logs are now in Production.
 - GHRC
 - Testing new distribution files in UAT. EMS team will work with GHRC to resolve search expression issues.
 - GES DISC
 - Completed testing and promoted to production the new NRT file delivered by GES DISC.
 - ECS Release 8.4.2
 - NSIDC - Completed testing and promoted to Production.
 - MODAPS
 - Continued testing Sentinel 3a distribution files in UAT.
 - ORNL
 - Created two new data sources for ORNL (Shopping Cart and ECHO/CMR). Currently tested in UAT

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- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
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- 6. CMR/ECHO/Earthdata Search/MMT
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 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
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about this meeting?**
















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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - Current increment N/A (planning)
 - In Production (Release 4.56)
- **Earthdata Login public wiki**
 - *** [New Tools page](#) ***
 - *** [New auto-authorization](#) ***

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
PI2.4	 03 Oct 2016			
PI2.3	 19 Sep 2016	4.57	 10 Oct 2016	
PI2.2	 05 Sep 2016	4.56	 22 Sep 2016	 29 Sep 2016
PI2.1	 22 Aug 2016	4.55	 13 Sep 2016	 15 Sep 2016
PI1.4	 01 Aug 2016	4.54	 14 Aug 2016	 14 Aug 2016
PI1.3	 18 Jul 2016	4.53	 08 Aug 2016	 11 Aug 2016

Ticket Status

Ticket	Sprint
URSF0UR-715 - Support HEAD authentication requests	
URSF0UR-713 - URS cookies contain invalid Expires timezone	
URSF0UR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	
URSF0UR-704 - Add 'Application' as user type options for user profile	
URSF0UR-701 - Accept both username and email at the login	

URSFOUR-698 - Implement unauthorized access to public user profile data	
URSFOUR-697 - Determine which user profile fields should be public, and which should require authorization	
URSFOUR-695 - Update LDAP Application model to store required user profile attributes	
URSFOUR-694 - Provide capability to support application required user profile attributes during application authorization	
URSFOUR-693 - Provide the ability to add/edit application required fields during application registration	
URSFOUR-690 - want a list of all the applications I can authorize, with descriptions	
URSFOUR-686 - URS appends form parameters to URL when clicking on 'Register' link	
URSFOUR-683 - An application should be able to determine if a user is in a given group	
URSFOUR-677 - URS should return a 401 if an expired refresh token is used.	PI1.4
URSFOUR-675 - Place an upper limit on the maximum number of tokens a user can have.	PI1.4
URSFOUR-674 - Delay cleanup of tokens to allow use of refresh token	PI1.3

URSF0UR-673 - Provide information on what to do if an activation email is not received.	
URSF0UR-670 - Error when MMT accesses URS API in UAT	2.74
URSF0UR-664 - Application image/description does not show up in pre-authorization.	PI1.4
URSF0UR-655 - Include profile 'age' with user profile info.	2.73
URSF0UR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72
URSF0UR-643 - Provide a means for an application to require a value for user profile fields.	2.70

4. Earthdata

[Nathan Clark](#) [Brett McLaughlin](#) [Robert Gelinas](#)

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Key tickets in current sprint

5. User Support Tool

[Nemanja Djuric](#)

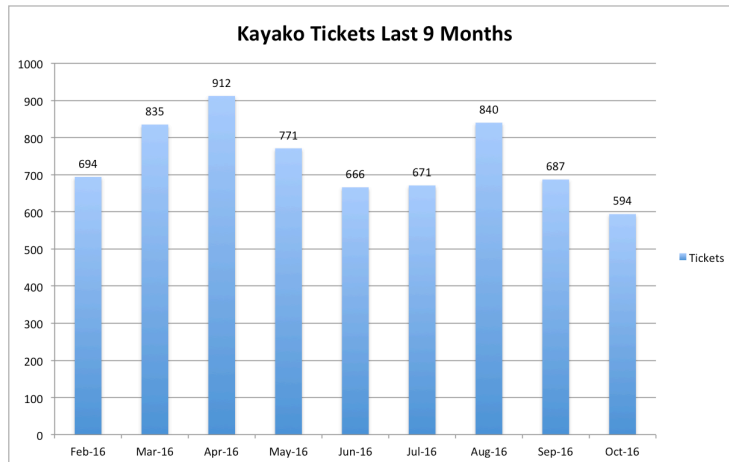
Activities:

Issues:

No issues.

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	28			1	1		
ASF	4		1				
CDDIS	2						
CMR				1			
Developer Portal	1						
ECC	8	1		1			
ECHO	12			1			
Earthdata	1			2			
Earthdata Search	12			1			
FIRMS	23	1		2			2
GCMD	3						

GES-DISC	1						
GHRC	2			2			
GIBS				1			
LPDAAC	29	5	1	1		2	
MODAPS	24	1		1			
ORNL DAAC	4			1			
PO.DAAC	11			12			
PO.DAAC C Forum	4			1			
Reverb	6			2			
URS	84			12			
UUI				2			
Worldview	11			1			
Total	270	8	2	45	1	2	2

6. CMR/ECHO/Earthdata Search/MMT

Catalino Cuadrado

CMR/ECHO System Status

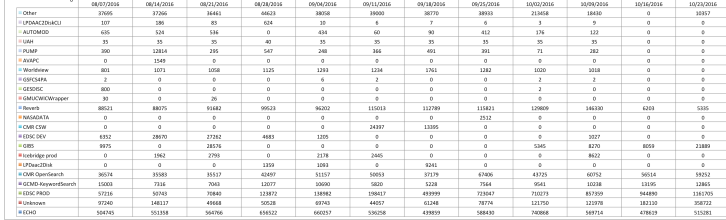
System Issues

- 10-20-2016 Slowdown in CMR response time due to high page # query causing performance issues in ES cluster.

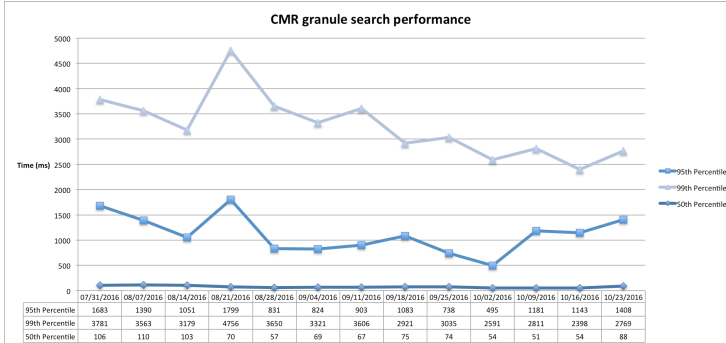
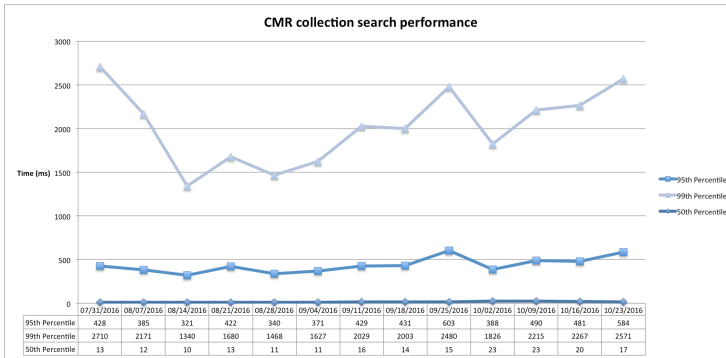
 [CMR-3488](#) - JIRA project doesn't exist or you don't have permission to view it.

Recent Metrics

CMR client usage



CMR Query Performance



CMR Release Status

In Production: 1.60.4

Completed Issues

Key	Summary
CMR-2112	Determine which existing collections are invalid against new UMM schema
CMR-2652	As a user I would like 'keyword' (free text) searches to include the Ancillary Keyword field.
CMR-2654	As a user I would like keyword (free text) searches to include the 'IDN Node' field.
CMR-3094	CMR should utilize UMM Spec implementation when indexing collections free text search keywords
CMR-3095	CMR should utilize UMM Spec implementation when indexing collections spatial
CMR-3096	CMR should utilize UMM Spec implementation when indexing collections 2d coordinate systems
CMR-3098 *	CMR should utilize UMM Spec implementation when indexing collections platform, instruments, and sensors
CMR-3273	DIF 10 Product_Level_Id not translated to UMM-C
CMR-3287	Update Humanizers to Use UMM Spec lib
CMR-3335	UMM AncillaryKeywords are not translated to ISO-19115 (MENDS)
CMR-3340	Translate UMM ISOTopicCategories to ISO 19115-2 (MENDS)
CMR-3350	As an Ops user, I should have a way of determining via Splunk if an ingest request is new or updating an existing granule
CMR-3355	Turn on CMR_ENFORCE_GRANULE_UR_CONSTRAINT configuration in SIT and UAT
CMR-3356 *	Turn on CMR_ENFORCE_GRANULE_UR_CONSTRAINT configuration in OPS
CMR-3359	Update data partner's user guide for UMM-C ingest changes
CMR-3399 *	Metadata-DB logs are indexed in UTC time and not EDT time

In UAT: 1.61.0

Key	Summary
CMR-1869	CMR should utilize UMM Spec implementation when indexing collections
CMR-2659	As a user I would like keyword (free text) searches to include the 'ISO Topic Category' field.
CMR-3215	Updating a granule to change collection will leave it indexed with previous collection if the collection had a separate index
CMR-3241 *	Add Version Description to UMM
CMR-3324 *	CMR bootstrap app couldn't contact metadata-db when metadata-db is healthy in UAT
CMR-3336	Translate UMM Quality to ISO 19115-2 (MENDS)
CMR-3353	Document validation rules for collection and granule ingest
CMR-3375	UMM-C validation error messages and warnings do not clearly indicate context for the provider
CMR-3376	As a Client User, I can translate metadata into UMM-C without adding defaults
CMR-3381	DIF9 translated to DIF10 is invalid against XML schema
CMR-3392	Handle OrganizationName to Data Center ShortName Conversion when OrganizationName is too long
CMR-3403 *	Reindexing all collections puts too much load on CMR hosts
CMR-3413	Change the time of day that we reindex all collections
CMR-3422 *	defhealther function should take map of options instead of unlabeled constants
CMR-3423 *	DIF 9 Ingest is failing due to version required error
CMR-3426 *	Investigate Alert for granules not indexing
CMR-3432 *	NullPointerException indexing in SIT
CMR-3438 *	LPDAAC MODIS collections not returning results when using tile boundaries.
CMR-3442 *	Improve performance of simple_xpath/select function
CMR-3444 *	Improve performance of matching KMS keywords in metadata parsing and during indexing

Earth Data Search Release Status

In Production: 1.29.9

Key	Summary
EDSC-990	Collections with subsetting services not included in that Features grouping (Earthdata Search Service Desk)
EDSC-1079	Update native collection and granule metadata links to use the .native extension
EDSC-1113	As a user, I should be able to do a spatial search without any special syntax
EDSC-1114	As a user, I should be able to do a temporal search without any special syntax
EDSC-1165	Data Access screen does not load in IE 11 for collections with Subsetting
EDSC-1173	Automatic Download Script does not work with LPDAAC provided data.
EDSC-1174	Collections with GIBS imagery do not show the imagery badge
EDSC-1181 *	Automated Download Script creation throws 500 error.
EDSC-1188	Cronjob logs not searchable in splunk
EDSC-1191	EDSC url shows ngap after return from URS
EDSC-1207 *	Clearing the filters after drawing a rectangular bounding box causes the SW and NE points to not display for subsequent bounding boxes

In UAT: 1.30.6

Completed Issues

Key	Summary
EDSC-1076 *	As a user, I should be able to toggle collections that do not have granules on and off
EDSC-1155	Document findings from NSIDC usability study
EDSC-1163 *	Implement filter forms in HTML/CSS
EDSC-1197 *	Health check will output IP addresses when a load task has failed
EDSC-1199	500 error when using ESI form to access data for some MODIS collections
EDSC-1202	Clearing temporal filters only clears the input boxes, not the actual filter itself.
EDSC-1206	When Retrieving Granules via Automatic Download Script, the Download Script File Button does not work in Firefox or IE11
EDSC-1213 *	search box on /search page loses content when ajax finishes loading

Metadata Management Tool Release Status

In Production: 1.32

Key	Summary	Issue Type
MMT-557	Organization XML from DIF-10 record not translated into MMT Organization form	 Bug
MMT-697	Move MMT to current version of UMM-C schema	 Improvement

In UAT: 1.33

Completed Issues

Key	Summary	Issue Type
MMT-707 *	Administrator group permissions are not being respected	 Bug

Upcoming PMs

- **11-02-2016**
 - CMR 1.61 to PROD 1.62 to UAT
 - EDSC 1.30 to PROD
 - MMT 1.33 to PROD 1.34 to UAT

7. GIBS

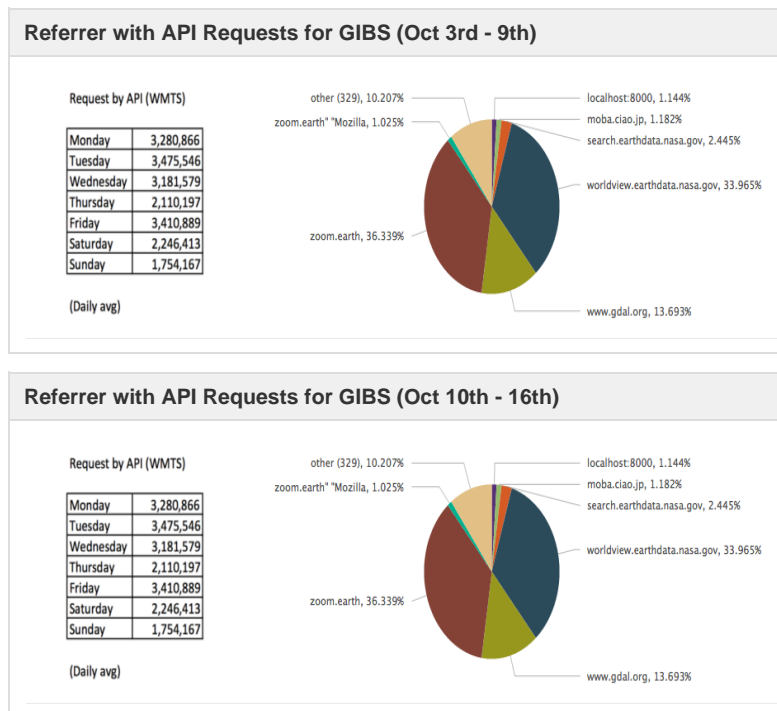
Matthew Cechini

- **General Items**
 - ICD Revision 2 - Comment period has ended. Final version is moving through the COMET dispositioning workflow.
- **New/Planned Products**
 - Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. Code has been received and is being tested. Impacted products include:
 - WELD - Annual & Monthly CR321 & NDVI
 - ASDC - MOPITT/CERES/MISR Radiance
 - GHRC - RSS/HRFC
 - NSIDC - MEaSURES Ice Velocity
 - MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - Completed AOD and Water Vapor reprocessing. Performing reprocessing of Cloud Top Height, Effective Radiance, Water Path, and Optical Thickness products.
 - Land L2 STD Reprocessing - Coordinating "final prep" test concurrent with Atmosphere L2 STD Reprocessing.
 - Land L3 - Awaiting start of Land L2 STD Reprocessing.
 - Non-BEDI Imagery Products
 - Completed review of updated OMI AOD NRT products.
 - Awaiting historical reprocessing prior to release.
 - Reviewing MISR NRT high-res products with imagery provider and science team.
 - Awaiting imagery updates to address "bad" data pixels and subsequent imagery artifacts.
 - Testing MODIS C6 NDVI NRT imagery products in UAT environment.
 - Awaiting provider and science team feedback.
 - Preparing GPM Rain/Snow/Tb v4 standard products in UAT environment.
 - Awaiting sample imagery from provider.
 - BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Performing historical imagery reprocessing for OMI products.
 - Coordinating provider and science team review of sample imagery.
 - MISR - ASDC
 - Completed initial testing for fix to MISR granule "issue". Pending resource availability for historical reprocessing.
 - ASTER L1T - LPDAAC
 - Performing integration testing of historical reprocessing utilizing LPDAAC WMS and the CMR.
 - Aquarius/MEaSURES/SSMI - NSIDC
 - Coordinating forward processing of SSMI Sea Ice Concentration STD and NRT products.
 - Awaiting provider updates for NISE product geolocation issues.
 - Aquarius/MODIS PODAAC
 - Pending coordination of historical reprocessing.

Alex De Luca Jerome King

- **GIBS Production**
 - **Status**
 - 10/20 Load Balancer experiencing a soft core dump caused by a bug in its software when access load is high. We are working with NetOps to rollup patch to Production to resolve this issue.

- Metrics



8. Worldview

Taylor Gunnoe Benjamin King

- Worldview v1.3 - Testing in UAT
 - Animation
 - Rotation
- Internal processes for testing unpublished code in Worldview has been updated
- Migrated several issues to github in preparation for open development

9. Open Floor